

Achieving energy savings in urban planning by using direct solar and diffuse daylight in early stage design

Voll, Hendrik WSEAS transactions on environment and development 2010 / 9, p. 645-655 : ill

Advances in climatic form finding in architecture and urban design

De Luca, Francesco Energies 2023 / art. 3935 <https://doi.org/10.3390/en16093935> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

Air leakage levels in timber frame building envelope joints

Kalamees, Targo; Alev, Üllar; Pärnalaas, Mihkel Building and environment 2017 / p. 121-129 : ill

<https://doi.org/10.1016/j.buildenv.2017.02.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Airbusi roheline helikopter : [Bluecopter]

Luczkowski, Teodor Tehnikamaailm 2016 / lk. 72-73 : fot https://artiklid.elnet.ee/record=b2780251*est

Alalisvoolu tagasitulek - unistus või reaalsus?

Roasto, Indrek; Vinnikov, Dmitri; Blinov, Andrei; Chub, Andrii; Carvalho da Silva, Edivan Laercio Elektriala 2023 / lk. 22-25 : ill, portr https://www.ester.ee/record=b1240496*est

Analysis and study of the influence of the geometrical parameters of mini unmanned quad-rotor helicopters to optimise energy saving

Penkov, Igor; Aleksandrov, Dmitri International journal of automotive and mechanical engineering 2017 / p. 4730-4746 : ill

<https://doi.org/10.15282/ijame.14.4.2017.11.0372> [Journal metrics at Scopus](#) [Article at Scopus](#)

Analysis of energy economic renovation for historic wooden apartment buildings in cold climates

Arumägi, Endrik; Kalamees, Targo Applied energy 2014 / p. 540-548 : ill <https://doi.org/10.1016/j.apenergy.2013.10.041> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis of microgrid configuration effects on energy efficiency

Peterson, Kristjan; Ahmadihangar, Roya; Shabbir, Noman; Vinnal, Toomas 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings 2019 / 6 p. : ill <https://doi.org/>

Analysis of passive architectural roof cooling potential to decrease the cooling demand for Northern European Office buildings based on energy modelling and laboratory tests

Voll, Hendrik; Seinre, Erkki; Sööt, Peet-Mati WSEAS transactions on environment and development 2011 / p. 136-145 : ill

<http://www.wseas.us/e-library/transactions/environment/2011/53-080.pdf>

Analytical modelling and prediction formulas for domestic hot water consumption in residential Finnish apartments

Ferrantelli, Andrea; Ahmed, Kaiser; Pylsy, Petri; **Kurnitski, Jarek** Energy and buildings 2017 / p. 53-60 : ill

<https://doi.org/10.1016/j.enbuild.2017.03.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Artificial Hummingbird Algorithm For Optimal Reconfiguration Of Electrical Distribution networks

Zahraoui, Younes; Bouhanik, Anes; **Korõtko, Tarmo; Rosin, Argo;** Mekhilef, Saad 2024 IEEE 22nd Mediterranean Electrotechnical Conference (MELECON) 2024 / p. 225-229 <https://doi.org/10.1109/MELECON56669.2024.10608525>

Assessment of retrofit measures for industrial halls: energy efficiency and renovation budget estimation

Simson, Raimo; Fadejev, Jevgeni; Kurnitski, Jarek; Kesti, Jyrki; Lautso, Petteri Energy procedia 2016 / p. 124-133 : ill

<https://doi.org/10.1016/j.egypro.2016.09.114> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Basic theory and methods for managing energy efficiency in consumer systems

Karpov, V.; Kabanen, Toivo; Yuldashev, Z. Sh.; Nemtsev, A.; Nemtsev, I. Agronomy research 2016 / p. 1619-1625 : ill

<http://agronomy.emu.ee/category/volume-14/number-5/> http://www.ester.ee/record=b1787401*est [Journal metrics at Scopus](#) [Article at Scopus](#)

Building sustainability objective assessment in Estonian context and a comparative evaluation with LEED and BREEAM

Seinre, Erkki; Kurnitski, Jarek; Voll, Hendrik Building and environment 2014 / p. 110-120 : ill

<https://doi.org/10.1016/j.buildenv.2014.08.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bulk and surface characterisation techniques of solar absorbers : general discussion

Andreasen, Jens Wenzel; Breternitz, Joachim; Bär, Marcus; Dale, Phillip J.; Dimitrievska, Mirjana; Fermin, David J.; Fleck, Nicole; Hages, Charles J.; Havryliuk, Yevhenii; Hawkins, Cara; Mandati, Sreekanth Faraday Discussions 2022 / p. 180-201

<https://doi.org/10.1039/D2FD90056D>

Case-study analysis on hygrothermal performance of ETICS on concrete wall after low-budget energy-renovation

Ilomets, Simo; Kalamees, Targo Proceedings of XII International Conference on Performance of Exterior Envelopes of Whole Buildings 2013 / [15] p. : ill

Circular renovation of an apartment building with prefabricated insulation elements

Nigumann, Eero; Kalamees, Targo; Kuusk, Kalle; Pihelo, Peep 5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings 2024 / p. 96-97 : ill <https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17> https://www.ester.ee/record=b5668645*est

Comparative evaluation of isolated dc-dc converters for low power applications

Azizi, Mohammadreza; Husev, Oleksandr; Vinnikov, Dmitri; Veligorskyi, Oleksandr 2022 IEEE 20th International Power Electronics and Motion Control Conference (PEMC) : Brasov, Romania, 25-28 Sept. 2022 : proceedings 2022 / p. 7-12 <https://doi.org/10.1109/PEMC51159.2022.9962944>

A comparative study on graph-based ranking algorithms for consumer-oriented demand side management

Onile, Abiodun Emmanuel; Belikov, Juri; Petlenkov, Eduard; Levron, Yoash 2021 IEEE Madrid PowerTech 2021 / 6 p <https://doi.org/10.1109/PowerTech46648.2021.9494752>

Comparison of current harmonic emission by different lighting technologies

Iqbal, Muhammad Naveed; Kütt, Lauri; Shabbir, Noman; Asad, Bilal 2020 IEEE 61st International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, Nov. 5-7, 2020 : conference proceedings 2020 / 6 p <http://toc.proceedings.com/52742webtoc.pdf>

Comparison of energy performance requirements in selected countries

Kurnitski, Jarek; Grönlund, Victoria; Reinikainen, Erja Proceedings of CLIMA 2013 : 11th REHVA World Congress and the 8th International Conference on Indoor Air Quality, Ventilation and Energy Conservation in Buildings, Prague 16th-19th June, 2013 2013 / [10] p. : ill

Comparison of simplified and detailed window models in energy simulations

Thalfeldt, Martin; Kurnitski, Jarek; Voll, Hendrik Proceedings of REHVA Annual Conference "Advanced HVAC and Natural Gas Technologies" : Riga, Latvia, May 6-9, 2015 2015 / p. 26-31 : ill

Comparison of simplified and detailed window models in office building energy simulations

Thalfeldt, Martin; Kurnitski, Jarek; Voll, Hendrik Energy procedia 2015 / p. 2076-2081 : ill <https://doi.org/10.1016/j.egypro.2015.11.235> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Comparison of static and dynamic shading systems for office buildings energy consumption and cooling load assessment

De Luca, Francesco; Voll, Hendrik; Thalfeldt, Martin Management of environmental quality : an international journal 2018 / p. 978-998 : ill <https://doi.org/10.1108/MEQ-01-2018-0008> [Journal metrics at Scopus](#) [Article at Scopus](#)

Complete automation solutions for small town water supply

Ristoja, Joel The 4th Research Symposium of Young Scientists : Actual Problems of Electrical Drives and Industry Automation : Tallinn, Estonia, May 17-21, 2003 2003 / p. 93-96 : ill

Conserved quantities in discrete dynamics : what can be recovered from Noether's theorem, how, and why?

Capobianco, Silvio; Toffoli, Tommaso Natural computing 2012 / p. 565-577 : ill <https://link.springer.com/article/10.1007/s11047-012-9336-7>

Control Multirrádio de Drones Multirrotor Autónomos: Modelización y Simulación

Astrov, Igor 2023 [Control Multirrádio de Drones Multirrotor Autónomos: Modelización y Simulación](#)

Controllo multirate di droni multirotori autonomi : modellazione e simulazione

Astrov, Igor 2023 [Controllo Multirate di Droni Multirotori Autonomi: Modellazione e Simulazione](#)

Cost effectiveness of energy performance improvements in Estonian brick apartment buildings

Kuusk, Kalle; Kalamees, Targo; Maivel, Mikk Energy and buildings 2014 / p. 313-322 : ill <https://doi.org/10.1016/j.enbuild.2014.03.026> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cost optimal and nearly zero energy performance requirements for buildings in Estonia

Kurnitski, Jarek; Saari, Arto; Kalamees, Targo; Vuolle, Mika; Niemelä, Jouko; Tark, Teet Estonian journal of engineering 2013 / p. 183-202 : ill https://artiklid.elnet.ee/record=b2632889*est <https://doi.org/10.3176/eng.2013.3.02> [Article at Scopus](#)

Cost optimal and nearly zero-energy buildings (nZEB) : definitions, calculation principles and case studies 2013

Cost optimal energy savings and scenarios for ENMAK 2030+ energy action plan

Kurnitski, Jarek; Kuusk, Kalle Liginullenergiahooned täna ja homme : artiklite kogumik 2015 / p. 63-73 : ill

Cost-effective energy and indoor climate renovation of Estonian residential buildings

Kalamees, Targo; Kuusk, Kalle; Arumägi, Endrik; Alev, Üllar Cost-effective energy-efficient building retrofitting : materials, technologies, optimization and case studies 2017 / p. 405-454 : ill http://www.ester.ee/record=b4674305*est <https://doi.org/10.1016/B978-0-08-101128-7.00015-0>

Cost-effective energy-efficient building retrofitting : materials, technologies, optimization and case studies

2017 http://www.ester.ee/record=b4674305*est <https://www.sciencedirect.com/science/book/9780081011287>

Data for occupancy internal heat gain calculation in main building categories

Ahmed, Kaiser; **Kurnitski, Jarek**; Olesen, Bjarne Data in brief 2017 / p. 1030-1034 : tab <https://doi.org/10.1016/j.dib.2017.10.036>

Data-based energy provision for smart cities

Soe, Ralf-Martin Digital Transformation and Global Society : Second International Conference, DTGS 2017, St. Petersburg, Russia, June 21-23, 2017 : revised selected papers 2017 / p. 319-328 https://doi.org/10.1007/978-3-319-69784-0_27 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Daylighting and energy performance design for single floor commercial hall buildings

De Luca, Francesco; Simson, Raimo; Voll, Hendrik; Kurnitski, Jarek Management of environmental quality : an international journal 2018 / p. 722-739 : ill <https://doi.org/10.1108/MEQ-10-2017-0110> [Journal metrics at Scopus](#) [Article at Scopus](#)

Demand side management possibilities and viability for voltage support services in Estonia = Tarbimise juhtimise võimaluste uurimine ning rakendatavus pinge reguleerimise teenusteks Eestis

Drovtar, Imre 2016 <http://digi.lib.ttu.ee/76032> https://www.ester.ee/record=b4601226*est

Design considerations of dual-active bridge DC grid-forming converter for DC buildings

Carvalho da Silva, Edivan Laercio; Sidorova, Aleksandra; Blinov, Andrei; Chub, Andrii; Vinnikov, Dmitri IEEE transactions on industrial electronics 2024 / p. 10601-10611 <https://doi.org/10.1109/TIE.2023.3331125> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of energy performance requirements for apartment buildings in Estonia

Hani, Allan; Kalamees, Targo; Kõiv, Teet-Andrus 9th International Conference & Exhibition Healthy Buildings 2009 : September 13-17, 2009, Syracuse, NY, USA 2009 / paper 409, [4] p. : ill

Development of energy reserve optimization methodology for households with renewable power systems = Taastuva energia allikatega kodumajapidamiste energiareervi optimeerimise meetodika väljatöötamine

Auväär, Aivar 2014 http://www.ester.ee/record=b4412783*est

Development trends in Estonian housing sector and efficiency of energy conservation measures

Ingermann, Karl Climate Technology and Energy audit as a Tool for Improved Energy Efficiency : CTI Training Course for Eastern Europe : 26-29 September 2000, Tallinn, Estonia : proceedings 2000 / p. 227-235 : ill

Digitaalsed kaksikud teevad säästlikust energiatarbimisest võistluse [Võrguväljaanne]

Harrik, Airika novaator.err.ee 2021 / fot [Digitaalsed kaksikud teevad säästlikust energiatarbimisest võistluse](#)

Distributed electricity generation and its possibilities for meeting the targets of energy and climate policies = Elektrienergia hajatootmine ja selle võimalused energia- ja kliimapolitiika eesmärkide täitmiseks

Kuhi-Thalfeldt, Reeli 2012

District cooling network planning. A case study of Tallinn

Volkova, Anna; Hlebnikov, Aleksandr; Ledvanov, Aleksandr; Kirs, Tanel; Raudsepp, Urmas; Krupenski, Igor; Latõšov, Eduard International Journal of Sustainable Energy Planning and Management 2022 / p. 63-78 : ill <https://doi.org/10.54337/ijsep.7011> [Journal metrics at Scopus](#) [Article at Scopus](#)

Early stage CAD-compliant energy performance assessment method

Kurnitski, Jarek; Kalamees, Targo; Tark, Teet Seventh International Cold Climate HVAC Conference : November 12-14, 2012, Calgary, Canada 2012 / p. 191-198 : ill https://www.researchgate.net/publication/289191364_Early_stage_CAD-compliant_energy_performance_assessment_method

Early stage CAD-compliant energy performance assessment method

Kurnitski, Jarek; Kalamees, Targo; Tark, Teet Journal of energy and power engineering 2013 / p. 1662-1668 : ill

Eessõna

Ingermann, Karl Energiasäästu projektide andmebaas : PHARE programm Eesti energeetikasektori kohta : energiasäästu strateegia : energiasäästuprogrammi hindamine ja arendamine : nr. 96-0282.00 : metoodiline juhend : november 1996 1996 https://www.ester.ee/record=b1058601*est

Eesti energiasäästuprogramm : [kinnitanud Eesti energiasäästu riikliku komisjoni esimees T.Vähi 24. juulil 1992]
Vares, Villu; Paist, Aadu 1992 https://www.ester.ee/record=b1062911*est

Eesti ettevõtete elektritarbimise uurimine ja soovitude väljatöötamine tarbimise optimeerimiseks = Study of electric power consumption in Estonian companies and recommendations for optimization of consumption
Vinnal, Toomas 2011

Eesti korruselamute soojuse ja vee tarbimine

Aro, Teuvo; Jyrkkäranta, Jyri; Hääl, Kaido; Laaksonen, Arto 1999 https://www.ester.ee/record=b1378437*est

Eesti õhutehnoloogia ettevõtte tuleb turule tsentraalse õhuniisutiga [Võrguväljaanne]

postimees.ee 2022 "[Eesti õhutehnoloogia ettevõtte tuleb turule tsentraalse õhuniisutiga](#)"

Eestis töötati välja uudne energiamärgise määramise lahendus

Ehitaja 2023 / lk. 34 : fot https://www.ester.ee/record=b1072123*est https://artiklid.elnet.ee/record=b2904595*est

Efficiency optimization of mini unmanned multicopter

Penkov, Igor; Aleksandrov, Dmitri International review of aerospace engineering 2017 / p. 277-281 : ill

<https://doi.org/10.15866/irease.v10i5.12132> Journal metrics at Scopus Article at Scopus

Ehitusprofessorid: Praeguse tempoga muudame oma hooneid energiatõhusaks sada aastat

Jame, Aivar Pealinn 2023 / Lk. 11 https://www.ester.ee/record=b1287116*est Ehitusprofessorid: Praeguse tempoga muudame oma hooneid energiatõhusaks sada aastat

Elamute energiasäästlikust renoveerimise[s]t

Hääl, Kaido Ehituskaar 2001 / 7, lk. 19

Electric lighting predictions in the energy calculation methods

De Luca, Francesco; Simson, Raimo; Voll, Hendrik; Kurnitski, Jarek Improving energy efficiency in commercial buildings and smart communities 2020 / p. 123-141 https://doi.org/10.1007/978-3-030-31459-0_9

Elektrienergia säästlik kasutamine hoonetes : õppematerjal

Teemets, Raivo; Vinnal, Toomas 2013 http://www.ester.ee/record=b3033912*est

Elektrienergia tarbimise suunamise ja koormuse juhtimise võimalustest

Raesaar, Peeter Taastuvate energiaallikate uurimine ja kasutamine : seitsmenda konverentsi kogumik : [13. okt. 2005], Tartu, Estonia 2006 / lk. 53-65 : ill

Elektriliste valgusallikate keskkonnasäästlikust valikust

Risthein, Endel TEUK XI : Taastuvate energiaallikate uurimine ja kasutamine : üheteistkümnenda konverentsi kogumik : Tartu, Estonia, 2009 2009 / lk. 33-44 : ill

Elektrisäästlikust trammist tulevikurobotiteni : [TTÜ elektriajamite ja jõuelektronika instituudi ajaloost : 45. aastapäevale pühendatud sümposiumi ettekannetest]

Mente et Manu 2001 / 4. sept., lk. 1, 2 : portr https://www.ester.ee/record=b1242496*est

Eluaseme energiasäästlik hooldamine

Hääl, Kaido; Laur, Toomas; Sasi, Lennart; Vares, Villu 2000 https://www.ester.ee/record=b1438982*est

Energiaallikat vaid 80 aastaks : [võimalikest muutustest energiatootmises lähtudes nafta lõppemisest : Mati Karelsoni jt. arvamustega]

Karelson, Mati Eesti Päevaleht 2004 / 13. nov., lk. 22 <https://epi.delfi.ee/artikkel/50997248/energiaallikat-vaid-80-aastaks>

Energiaseminar: Tallinnas ootab soojapidavamaks muutmist 5000 maja

Pealinn 2023 / Lk. 9 https://www.ester.ee/record=b1287116*est

Energiasääst Eestis PHARE projekti "Energiasäästu strateegia" peeglis

Ingermann, Karl Energeetika Infoleht / Majandusministeerium 1997 / 1, lk. 9-15

Energiasääst elektriajamites

Lehtla, Tõnu Elektriala 2004 / 2, lk. 10-11 : ill

Energiasäästu läbimõeldud kavandamine

Hääl, Kaido Kodu Soojaks : Tallinna Soojuse kliendileht 2001 / kevad, lk. 16

Energiasäästu projektide andmebaas : PHARE programm Eesti energeetikasektori kohta : energiasäästu strateegia : energiasäästuprogrammi hindamine ja arendamine : nr. 96-0282.00 : metoodiline juhend : november 1996
Ingermann, Karl 1996 https://www.ester.ee/record=b1058601*est

Energiasäästu tund Vanalinna koolis [Kuressaares : kommenteerib tunni pidaja, TTÜ teadur Ülo Kask]
Kuivjõgi, Veljo Meie Maa 2003 / lk. 1 : fot

Energiasäästu võimalused

Ingermann, Karl Avatud parlament : säästlik areng ja Eesti energeetika : 14. novembril 1996. a. toimunud konverentsi ettekanded 1997 / lk. 26-28: ill

Energiasäästu võimalused elektrienergia tarbimisel

Risthein, Endel Ehitaja 2000 / 10, lk. 70-71 : ill https://artiklid.elnet.ee/record=b1004895*est

Energiasäästu võimalustest Eesti elektrilises ühistranspordis

Vinnikov, Dmitri Elektriala 2000 / 1, lk. 12-13: ill https://artiklid.elnet.ee/record=b1003229*est

Energiasäästualast teavet soojuse tarbijatele

Ingermann, Karl Põhjarannik 1999 / 13. märts, Soojuse Eri, lk. 3

Energiasäästust väikeelamute kütmisel

Hääl, Kaido; Mereste, Uno Tehnika ja Tootmine 1993 / 2, lk. 17-19: ill

Energiat on soodsam säästa kui toota

Sutt, Jüri Eesti Ekspress 2007 / 4. okt

Energiat on soodsam säästa kui toota

Sutt, Jüri Tallinna Tehnikaülikooli aastaraamat 2007 2008 / lk. 350-351

Energiatarbimise juhtimisel on tarkades majades kandev roll

Rosin, Argo Inseneria 2014 / lk. 18-19 : ill https://artiklid.elnet.ee/record=b2672914*est

Energiatõhusus on tõsine probleem : [küsimustele vastab Teet-Andrus Kõiv]

Kello, Karl; Kõiv, Teet-Andrus Õpetajate Leht 2010 / 26. veebr., lk. 8 : fot https://artiklid.elnet.ee/record=b1961229*est

Energiatõhususe arengud ja uued uuringud

Kurnitski, Jarek EhitusEST 2016 / lk. 22-26 : ill http://www.ester.ee/record=b4442657*est https://artiklid.elnet.ee/record=b2801974*est

Energy and daylighting performance design of skylights and clerestories in a large hall retail building

De Luca, Francesco; Simson, Raimo; Kurnitski, Jarek CLIMA 2016 - proceedings of the 12th REHVA World Congress. Vol. 2 2016 / [10] p. : ill http://vbn.aau.dk/files/233715392/paper_655.pdf

Energy and investment intensity of integrated renovation and 2030 cost optimal savings

Kurnitski, Jarek; Kuusk, Kalle; Tark, Teet; Uutar, Aivar; Kalamees, Targo; Pikas, Ergo Energy and buildings 2014 / p. 51-59 : ill <https://doi.org/10.1016/j.enbuild.2014.01.044> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Energy audit guide for buildings : English/Russian editon

2001 https://www.ester.ee/record=b1557790*est

Energy efficiency for bisection based power allocation with proportional fairness in relay-assisted LTE-A downlink system [Online resource]

Hassan, Hammad; Ahmed, Ifran; Alam, Muhammad Mahtab BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018 2018 / 4 p.: ill <https://doi.org/10.1109/BEC.2018.8600970>

Energy efficiency monitoring system for technology mapping driven by FoF concept

Sarkans, Martinš; Pikner, Heiko; Sell, Raivo; Sonk, Kaimo Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 187-192 : ill

Energy management in a centrifugal pumping plant

Vodovozov, Valery; Raud, Zoja 17th IEEE International Conference on Smart Technologies : IEEE EUROCON 2017 : 6-8 July 2017, Ohrid, Macedonia : conference proceedings 2017 / p. 347-352 : ill <https://doi.org/10.1109/EUROCON.2017.8011133>

Energy performance of renovation alternatives of traditional rural houses in Estonia

Alev, Üllar; Arumägi, Endrik; Kalamees, Targo Proceedings of CLIMA 2013 : 11th REHVA World Congress and the 8th

International Conference on Indoor Air Quality, Ventilation and Energy Conservation in Buildings, Prague 16th-19th June, 2013 2013 / [9] p. : ill

Energy reduction techniques at register transfer level synthesis

Sudnitsõn, Aleksander Proc. 16th International Conference on Systems for Automation of Engineering and Research (SAER'2002), Varna, Bulgaria 2002 / p. 48-52

Energy related sustainability analysis of shale oil retorting technologies

Gušča, Julija; Siirde, Andres; Eldermann, Meelis Energy procedia 2015 / p. 216-221 : ill <https://doi.org/10.1016/j.egypro.2015.06.031>
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Energy saving additional water pump in a district heating plant

Jansikene, Raik; Joller, Jüri The Nordic Research Symposium Energy Efficient Electric Motors and Drives, 12-16 August 1996, Skagen, Denmark : proceedings 1996 / [3] p.: ill

Energy saving possibilities in the industrial robot IRB 1600 control [Electronic resource]

Rassõlkin, Anton; Hõimoja, Hardi; Teemets, Raivo CPE 2011 : 7th International Conference-Workshop Compatibility and Power Electronics : June 1-3, 2011, Tallinn, Estonia : conference guide 2011 / p. 226-229 [CD-ROM]
https://www.researchgate.net/publication/252015731_Energy_saving_possibilities_in_the_industrial_robot_IRB_1600_control

Energy saving potential with smart thermostats in low-energy homes in cold climate

Kull, Tuule Mall; Penu, Karl-Rihard; Thalfeldt, Martin; Kurnitski, Jarek E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 09009, 7 p. : ill
<https://doi.org/10.1051/e3sconf/202017209009> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Energy saving types of mini unmanned aerial vehicles

Aleksandrov, Dmitri; Penkov, Igor 9th International Symposium "Topical problems in the field of electrical and power engineering". Doctoral school of energy and geotechnology. II : Pärnu, Estonia, June 14-19, 2010 2010 / p. 117-120 : ill

Energy savings in analytical chemistry

Koel, Mihkel Handbook of green analytical chemistry 2012 / p. 291-319 : ill

Energy scheduling and flexibility quantification in buildings

Ahmadihangar, Roya; Blinov, Andrei; Pefitsis, Dimosthenis Distributed energy systems : design, modeling, and control 2023 / p. 249-259 : ill <https://doi.org/10.1201/9781003229124-16>

Energy supply problems and prospects

Hamburg, Arvi; Valdma, Mati Oil shale 2011 / 1S, p. 89-100 : ill https://artiklid.elnet.ee/record=b2286546*est

Energy-efficient high-voltage switch based on parallel connection of IGBT and IGCT [Electronic resource]

Blinov, Andrei; Vinnikov, Dmitri; Iakhno, Volodymyr CPE 2011 : 7th International Conference-Workshop Compatibility and Power Electronics : June 1-3, 2011, Tallinn, Estonia : conference guide 2011 / p. 360-364 [CD-ROM]
https://www.researchgate.net/publication/252015928_Energy-efficient_high-voltage_switch_based_on_parallel_connection_of_IGBT_and_IGCT

Enne kui asendad akna

Sasi, Lennart Ehituskaar 1996 / 6, lk. 26-27: ill https://artiklid.elnet.ee/record=b2645837*est

Eriosade koostööst projekteerimisel

Tamm, Tiit Elektriala 2013 / lk. 11-12 : ill https://artiklid.elnet.ee/record=b2654388*est

Esimene energiasäästliku veoajamiga tramm Tallinnas : [projekteeritud ja valmistatud TTÜ elektrijamite ja jõuelektronika instituudis]

Heinvere, Uno Elektriala 2000 / 4, lk. 23 https://artiklid.elnet.ee/record=b1004795*est

Estimation of energy-saving potential and indoor thermal comfort by the central control of the heating curve in old apartment buildings

Hajian, Hatem; Ahmed, Kaiser; Kurnitski, Jarek E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 09002, 10 p. : ill <https://doi.org/10.1051/e3sconf/202124609002> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Estonian Energy Roadmap to carbon neutrality

Volkova, Anna; Kisel, Einari; Grünvald, Olavi; Veske, Andres; Sukumaran, Sreenath; Purga, Jaanus International journal of sustainable energy planning and management 2023 / p. 30-46 <https://doi.org/10.54337/ijsep.7568> [Journal metrics at Scopus](#) [Article at Scopus](#)

Euroopa Liidu Energiatehnoloogia Keskus Eestis

Vares, Villu Keskkonnatehnika 1998 / 5, lk. 20

EUROSUN-2010 Grazis : [osalemisest konverentsil]

Tomson, Teolan Keskkonnatehnika 2010 / 7, lk. 23-24 : ill https://artiklid.elnet.ee/record=b2179780*est

Extra cost analyses of two apartment buildings for achieving nearly zero and low energy buildings

Pikas, Ergo; Thalfeldt, Martin; Kurnitski, Jarek; Liias, Roode Energy 2015 / p. 623-633 : ill

<https://doi.org/10.1016/j.energy.2015.03.026> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Extra cost analyses of two apartment buildings for achieving nearly zero and low energy buildings

Pikas, Ergo; Thalfeldt, Martin; Kurnitski, Jarek; Liias, Roode Liginullenergiahooned täna ja homme : artiklite kogumik 2015 / p. 83-90 : ill

Facade design principles for nearly zero energy buildings in a cold climate

Thalfeldt, Martin; Pikas, Ergo; Kurnitski, Jarek; Voll, Hendrik Energy and buildings 2013 / p. 309-321 : ill

<https://doi.org/10.1016/j.enbuild.2013.08.027> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Financial viability of energy-efficiency measures in a new detached house design in Finland

Saari, Arto; Kalamees, Targo; Jokisalo, Juha; Michelsson, Rasmus; Alanne, Kari; Kurnitski, Jarek Applied energy 2012 / p. 76-83

<https://www.sciencedirect.com/science/article/pii/S0306261911006830>

Free cooling potential of an airside economizer in Estonia

Palmiste, Ülar; Voll, Hendrik Science and technology for the built environment 2016 / p. 951-959 : ill

<https://doi.org/10.1080/23744731.2016.1195661> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

From repetition to diversity: A workflow for energy-driven optimization of heterogeneous urban blocks in hot climates

Natanian, Jonathan; De Luca, Francesco; Naboni, Emanuele Will Cities Survive? PLEA STGO 2022 : Book of proceedings : online sessions 2022 / p. 842-847 : ill <https://plea2022.org/wp-content/uploads/2023/03/PROCEEDING-ONLINE-FINAL-MARZO.pdf>

Greening research work: practical tips for minimizing waste and promoting sustainability

Khalid, Sadia The European Sting 2023 [Greening Research Work: Practical Tips for Minimizing Waste and Promoting Sustainability](#)

Handbook on buildings renovation in Central Baltic region

Borodinecs, Anatolijs; Voll, Hendrik; Thalfeldt, Martin; Petrova, Olga 2013 http://www.ester.ee/record=b3036415*est

Heat recovery from exhaust air as a thermal storage energy source for geothermal energy piles

Fadejev, Jevgeni; Simson, Raimo; Kurnitski, Jarek; Kesti, Jyrki Energy procedia 2016 / p. 478-488 : ill

<https://doi.org/10.1016/j.egypro.2016.09.179> Conference Proceedings at Scopus Article at Scopus Article at WOS

Heating system efficiency aspects in low-energy residential buildings = Küttesüsteemi efektiivsuse aspektid madalenergia eluhoonetes

Maivel, Mikk 2015 https://www.ester.ee/record=b4484289*est

Heating system return temperature effect on heat pump performance

Maivel, Mikk Liginullenergiahooned täna ja homme : artiklite kogumik 2015 / p. 112-118 : ill

Heatsynci lahendus aitab spaadel energiat kokku hoida

Traks, Kristina Eesti Ekspress 2022 / Lk. 35 <https://dea.digar.ee/article/eestiekspress/2022/11/23/22.1>

Hoiame kokku! Ah et kuidas? : insenerid võitlevad kivistunud arusaamade vastu

Arak, Marti; Kookmaa, Kristjan Inseneeria 2016 / lk. [54]-55 : fot http://www.ester.ee/record=b2336521*est

https://artiklid.elnet.ee/record=b2803300*est

Hoonete energiakulu on võimalik vähendada

Vinnal, Toomas Nädaline 1999 / 11. märts, lk. 6

Hoonete energiatarve ja sisekliima

Abel, Enno; Voll, Hendrik 2010 https://www.ester.ee/record=b2609572*est

Hoonete energiatarve ja sisekliima

Abel, Enno; Voll, Hendrik; Tark, Teet; Pikk, Priit; Daniel, Raul 2022 https://www.ester.ee/record=b5497552*est

Hoonete energiatarve ja sisekliima

Abel, Enno; Voll, Hendrik; Tark, Teet 2014 https://www.ester.ee/record=b4434678*est

Hoonete energiatõhusus : energianõuded valgustusele = Energy performance of buildings : energy requirements for

lighting

2010 https://www.ester.ee/record=b2623156*est

Hoonete planeerimine ja fassaadide kujundamine

Voll, Hendrik 2011 http://www.ester.ee/record=b2724889*est

How to calculate cost optimal nZEB energy performance?

Kurnitski, Jarek The REHVA European HVAC journal 2011 / p. 36-41 : ill https://www.rehva.eu/fileadmin/hvac-dictio/05-2011/rj1105_p36-41_how-to-calculate-cost-optimal-nzeb-energy-performance.pdf

How to define nearly net zero energy buildings nZEB : REHVA proposal for uniformed national implementation of EPBD recast

Kurnitski, Jarek The REHVA European HVAC journal 2011 / p. 6-12 : ill <http://www.rogbc.org/Downloads/REHVA%20work%20on%20NZEB.pdf>

Hybrid heat pump performance evaluation in different operation modes for single-family house

Tihana, Jelena; Ali, Hesham; Apse, Jekaterina; Jakobsons, Janis; Ivancovs, Dmitrijs; Gaujena, Baiba; Dedov, Andrei Energies 2023 / art. 7018 <https://doi.org/10.3390/en16207018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ilma ei jõua soojaks kütta : energia säästliku kasutamise õpik [3.-5. klassile]

Kask, Ülo; Kask, Livia; Sihtmäe, Mariliis; Kuldpere, Kaire 2005 https://www.ester.ee/record=b2118454*est

Improving energy efficiency of biotechnical agricultural systems - scientific and organisational issues

Karpov, V.; Kabanen, Toivo Agronomy research 2018 / p. 1062-1068 : ill <https://doi.org/10.15159/AR.18.043> [Journal metrics at Scopus](#) [Article at Scopus](#)

Improving energy efficiency of biotechnical agricultural systems - scientific and organisational issues [Online resource]

Karpov, V.; Kabanen, Toivo 9th International Conference "Biosystems Engineering 2018": 9–11 May, 2018, Estonia, Tartu : book of abstracts 2018 / p. 139 http://bse.emu.ee/wp-content/uploads/2018/10/ABS_2018_Book_VV.pdf

Indoor climate and energy consumption in residential buildings in Estonian climatic conditions

Kõiv, Teet-Andrus; Voll, Hendrik; Mikola, Alo; Kuusk, Kalle; Maivel, Mikk WSEAS transactions on environment and development 2010 / 4, p. 235-244 : ill

Indoor climate and energy efficiency of apartment and educational buildings in Estonia

Kõiv, Teet-Andrus Latest Trends on Engineering Mechanics, Structures, engineering Geology : proceedings of 3rd WSEAS International Conference on Engineering Mechanics, Structures Engineering Geology : Corfu Island, Greece, July 22-24, 2010 2010 / p. 196-199

Influence of time constants on low energy buildings' heating control

Kull, Tuule Mall; Simson, Raimo; Thalfeldt, Martin; Kurnitski, Jarek Energy procedia 2017 / p. 75-80 : ill <https://doi.org/10.1016/j.egypro.2017.09.640> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Innovaatilised lahendused ja säästvad tehnoloogiad : konverents 2010, [27. apr. Jõhvi, 28. apr. Kohtla-Järve] = Innovative approaches and sustainable technology

2010 https://www.ester.ee/record=b2594413*est

Integrating smart energy management system with internet of things and cloud computing for efficient demand side management in smart grids

Saleem, M. Usman; Shakir, Mustafa; Usman, M. Rehan; Bajwa, M. Hamza Tahir; Shabbir, Noman; Shams Ghahfarokhi, Payam; Daniel, Kamran Energies 2023 / art. 4835 : ill <https://doi.org/10.3390/en16124835> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Jarek Kurnitski: energia kokkuhoid aitab talve üle elada [Võrguväljaanne]

Kurnitski, Jarek err.ee [Jarek Kurnitski: energia kokkuhoid aitab talve üle elada](#)

Jarek Kurnitski: hoonete fondi ja ehitusturgu ootavad suured muutused

Kurnitski, Jarek Ehitaja 2024 / lk. 21 : portr https://www.ester.ee/record=b1072123*est

JRC review - evidence based recommendations for IEQ inclusion in EPBD

Kurnitski, Jarek The REHVA European HVAC journal 2017 / p. 51 http://www.rehva.eu/fileadmin/REHVA_Journal/REHVA_Journal_2017/RJ2/RJ1702_WEB.pdf

Jõhvi kaitseväelased said moodsa kasarmu [Võrguväljaanne]

pohjarannik.postimees.ee 2022 [kaitseväelased said moodsa kasarmu](#)

Arvamus, kultuur : [ajalehe Postimees lisa] 2022 / lk. 10 <https://dea.digar.ee/article/ak/2022/04/02/7.1> "Jõuelektronika on võtmetehnoloogia energia- ja rohepöörde ülesannetes"

delfi.ee 2024 [Järgmisele suurüritusele võiksime kõik minna jalgrattaga](#)

Karu, Veiko TEUK XIII : taastuvate energiaallikate uurimine ja kasutamine : kolmeteistkümnenda konverentsi kogumik : [10. november 2011, Tartu] = Investigation and usage of renewable energy sources : thirteenth conference proceedings : [10. November 2011, Tartu] 2011 / lk. 108-117 : ill

Karu, Veiko Inseneeria 2012 / lk. 16-21 : ill https://artiklid.elnet.ee/record=b2551388*est

Adler, Mirja Keskkonnatehnika 2008 / 2, lk. 48-49 : ill https://artiklid.elnet.ee/record=b1021625*est

Vilk, Urve ehitusuudised.ee 2021 ["Kas maks või toetus sunniks ärimaju säästvaks renoveerima?"](#)

Varrak, Tea Inseneeria 2012 / lk. 16-17 : fot https://artiklid.elnet.ee/record=b2490412*est

Mespaq, Vello Autotransport ja Maanteed : informatsiooniseeria 8 1983 / lk. 12-19 https://www.ester.ee/record=b1181335*est

Talts, Vello 1982 https://www.ester.ee/record=b1265606*est

Arro, Hendrik Infoleht / Riigi Energiaamet 1994 / 7, lk. 8-9

Laugis, Juhan; Lehtla, Tõnu; Joller, Jüri; Rosin, Argo; Vinnikov, Dmitri; Lehtla, Madis 2008
http://www.eester.ee/record=b2394445*est

Vares, Villu 1998 https://www.ester.ee/record=b1224760*est

Devaney, Kärt Virumaa Teataja 2023 <https://dea.digar.ee/article/virumaateataja/2023/09/28/16.2>

Liiviste, Priit pealinn.ee 2022 [Kliimamuutuste leevendamiseks peaks tallinlane üle kuue korra vähem tarbima](#)

Strandberg, Marek Eesti Päevaleht 2007 / 13. juuni, lk. 3 <https://epl.delfi.ee/artikkel/51090597/marek-strandberg-klistiir-hiniin-ja-marjad-linad>

Põhjarannik 2014 / lk. 3

Aarna, Olav Kunnossapito 1999 / nr. EE (eriväljaanne Korrashoid messiks "Maintenance 99 Energy Baltic" Tallinnas), lk. 5 : portr

Kurnitski, Jarek Ehitaja 2013 / lk. 27-29 https://artiklid.elnet.ee/record=b2600739*est

Kurnitski, Jarek; Thalfeldt, Martin Inseneria 2014 / lk. 20-21 : ill https://artiklid.elnet.ee/record=b2672919*est

Kuus saart asutavad Saarte Energiaagentuuri

Kalmus, Kertu saartehaal.postimees.ee 2023 [Kuus saart asutavad Saarte Energiaagentuuri](#)

6G-mobiilivõrk peibutab energiasäästu ja täppis-andmesidega

Oidermaa, Jaan-Juhan novaator.err.ee 2023 [6G-mobiilivõrk peibutab energiasäästu ja täppis-andmesidega](#) Ekspert: 5G jõuab tavakasutusse viie aastaga, 6G tuleb järgmisel kümnendil

Lambid, kompost ja Antitopsing. Tudengite parimad säästuideed : [võistlusest Negavat]

Aljas, Riin Laupäev [ajalehe Eesti Päevaleht nädalalõpu lisa] 2016 / lk. 6 https://artiklid.elnet.ee/record=b2759580*est

Leedvalgustid toovad kokkuhoiu, valgemed tänavad ja ohutumad ülekäigurajad [Võrguväljaanne]

Lepassalu, Virko; Luup, Üllar pealinn.ee 2022 ["Leedvalgustid toovad kokkuhoiu, valgemed tänavad ja ohutumad ülekäigurajad"](#)

Life-cycle analysis of plumbing system and energy conservation in the renovated apartment buildings in Tallinn

Talve, Siret; Suurkask, Valdu; Kroonström, Jüri Water Supply and Drainage for Buildings : '98 CIB-W62 Symposium : Rotterdam, The Netherlands, September 21-23, 1998 1998 / p. E2-0, E2-2 - E2-9 : ill

Light-weight multicopter structural design for energy saving = Kergklassi multikopteri energiatarbe vähendamise konstruktsioonilised lahendused

Aleksandrov, Dmitri 2013 http://www.ester.ee/record=b2994326*est

Liginullenergiahooned täna ja homme : artiklite kogumik

2015 https://www.ester.ee/record=b4505002*est

Liginullenergiahoonete ehitamine läheneb kiirelt

Kurnitski, Jarek Ehitaja 2015 / lk. 14-18 : ill https://artiklid.elnet.ee/record=b2767562*est

Liginullenergiamaja kõige olulisem komponent on teadlik elanik [Võrguväljaanne]

delfi.ee 2022 [Liginullenergiamaja kõige olulisem komponent on teadlik elanik](#)

Liginullenergiamajad peavad muutuma majanduslikult tasuvaks

Aru, Erik Ärileht 2013 / Ehitus ja Kinnisvara, lk. 5

Lignocellulosic biorefineries : the current state of challenges and strategies for efficient commercialization

Usmani, Zeba; Sharma, Minaxi; Awasthi, Abhishek Kumar; Lukk, Tiit; Tuohy, Maria G.; Gong, Liang; Nguyen-Tri, Phuong; Goddard, Alan D.; Bill, Roslyn M.; Nayak, S. Chandra; Gupta, Vijai Kumar Renewable and sustainable energy reviews 2021 / art. 111258, 14 p. : ill <https://doi.org/10.1016/j.rser.2021.111258> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lihtsad sammud elektri säästmiseks

Kodu & Ehitus : TM 2023 / lk. 40-42 : fot https://www.ester.ee/record=b1740684*est

Low- and nearly zero energy solutions for apartment buildings in Estonia

Kuusk, Kalle; Kalamees, Targo Proceedings of CLIMA 2013 : 11th REHVA World Congress and the 8th International Conference on Indoor Air Quality, Ventilation and Energy Conservation in Buildings, Prague 16th-19th June, 2013 2013 / [10] p. : ill

Low power finite state machine synthesis

Fomina, Jelena 2005 https://www.ester.ee/record=b2097121*est

Low power synthesis based on information theoretic measures

Fomina, Jelena; Keevallik, Andres; Sudnitsõn, Aleksander 23rd International Conference on Microelectronics : MIEL 2002, Niš, Yugoslavia, 12-15 May 2002 : proceedings 2002 / p. 699-702 <https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=1003354>

Low temperature radiator heating distribution and emission efficiency in residential buildings

Maivel, Mikk; Kurnitski, Jarek Energy and buildings 2014 / p. 224-236 : ill <https://doi.org/10.1016/j.enbuild.2013.10.030> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Madal- ja liginullenergiahooned : büroohoonete põhilahendused eskiis- ja eelprojektis

Kurnitski, Jarek; Thalfeldt, Martin; Kalamees, Targo; Voll, Hendrik; Uutar, Aivar; Rosin, Argo 2013

Madal- ja liginullenergiamajad - väikeste ja nullilähedaste energiakuludega majad

Kurnitski, Jarek Kalender 2014 2013 / lk. 103-108 : ill

Madalenergia büroohoone fassaadi majandusanalüüs

Thalfeldt, Martin; Pikas, Ergo; Kurnitski, Jarek Ehitaja 2015 / lk. 22-25 : ill https://artiklid.elnet.ee/record=b2720865*est

Madalenergia büroohoone fassaadi majandusanalüüs

Thalfeldt, Martin; Pikas, Ergo; Kurnitski, Jarek Liginullenergiahooned täna ja homme : artiklite kogumik 2015 / lk. 52-58 : ill

Managing energy consumption of linear delta robots using neural network models

Vodovozov, Valery; Lehtla, Madis; Raud, Zoja; Semjonova, Natalia; Petlenkov, Eduard Energies 2024 / art. 4081

<https://doi.org/10.3390/en17164081> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Managing Green Transformation of Baltic Sea Ports : Challenges and Drivers for Energy Saving and Renewable Energy Actions

Toomeoja, Eliise; Gülmez, Secil; Tapaninen, Ulla Pirita International Association of Maritime Economist-IAME 2025 2025 / 18 p

Method for assessment of energy retrofit measures in milieu valuable buildings

Arumägi, Endrik; Mändel, Maris; Kalamees, Targo Energy procedia 2015 / p. 1027-1032 : ill

<https://doi.org/10.1016/j.egypro.2015.11.052> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Mida tuleb teha energiakriisist väljumiseks? [Võrguväljaanne]

Kurnitski, Jarek postimees.ee 2022 [Mida tuleb teha energiakriisist väljumiseks?](#)

Mis on liginullenergiaülikooli hind?

Kurnitski, Jarek; Sarv, Mari Öö ehitusleht.ee 2024 <https://ehitusleht.ee/mis-on-liginullenergiaulikooli-hind/>

Monitoring of energy efficiency in industrial pneumatic machines

Parik, Ellen; Otto, Tauno Annals of DAAAM for 2012 & Proceedings of the 23rd International DAAAM Symposium : Intelligent Manufacturing & Automation 2012 / p. 0985-0988 : ill [CD-ROM]

https://www.researchgate.net/publication/283474506_Monitoring_of_energy_efficiency_in_industrial_pneumatic_machines

Mudelprojekteerimine aitab luua energiasäästlikke piirdetarindeid

Sutt, Jüri; Aaskivi, Urmas Ehitaja 2011 / 9, lk. 58-62 : ill https://artiklid.elnet.ee/record=b2433935*est

Multi-performance optimization of static shading devices for glare, daylight, view and energy consideration

De Luca, Francesco; Sepulveda Luque, Abel; Varjas, Toivo Building and environment 2022 / art. 109110

<https://doi.org/10.1016/j.buildenv.2022.109110> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mustamäe KÜ ümarlaud toimus seekord energiatõhusas elamus Akadeemia tee 5a

Mustamäe 2020 / Lk. 3 <https://www.tallinn.ee/est/mustamae/Uudis-KU-umarlaud-toimus-energiatohusas-elamus-Akadeemia-tee-5a>

Nearly zero energy office building without conventional heating

Thalfeldt, Martin; Kurnitski, Jarek; Mikola, Alo Estonian journal of engineering 2013 / p. 309-328 : ill

<https://doi.org/10.3176/eng.2013.4.06> [Article at Scopus](#)

Nearly zero-energy building's (nZEB) definitions and assessment boundaries

Kurnitski, Jarek Cost optimal and nearly zero-energy buildings (nZEB) : definitions, calculation principles and case studies 2013 / p. 7-30 : ill https://doi.org/10.1007/978-1-4471-5610-9_2 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Negavati võitis kraanivee projekt

Universitas Tartuensis : UT : Tartu Ülikooli ajakiri 2015 / lk. 8 : fot https://artiklid.elnet.ee/record=b2726608*est

A new method for estimation of fuel savings by wind energy and its impact on powersystem planning [Electronic resource]

Liik, Olev; Oidram, Rein; Keel, Matti; Landsberg, Mart Proceedings of Power-Gen Europe 2004 : 25-27 May 2004, Barcelona, Spain 2004 / paper 357, [18] p. [CD-ROM]

nZEB retrofit of a concrete large panel apartment building

Kuusk, Kalle; Kalamees, Targo Energy procedia 2015 / p. 985-990 : ill <https://doi.org/10.1016/j.egypro.2015.11.038> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

nZEB technical definition for nearly zero energy buildings

Kurnitski, Jarek Liginullenergiahooned täna ja homme : artiklite kogumik 2015 / p. 91-96 : ill

NV-SP: A new high performance and low energy NVM-Based scratch pad

Shalabi, Ameer; Paul, Kolin; Ghasempouri, Tara; Raik, Jaan 2020 IEEE Computer Society Annual Symposium on VLSI : ISVLSI 2020, 6-8 July 2020, Limassol, Cyprus 2020 / art. 19876866, p. 54-59 <https://doi.org/10.1109/ISVLSI49217.2020.00020>

Nõuded liginullenergiahoonetele Euroopas

Kurnitski, Jarek Liginullenergiahooned täna ja homme : artiklite kogumik 2015 / lk. 45-51 : kaart

Occupancy schedules for energy simulation in new prEN16798-1 and ISO/FDIS 17772-1 standards

Ahmed, Kaiser; Akhondzada, Ali; **Kurnitski, Jarek**; Olesen, Bjarne Sustainable cities and society 2017 / p. 134-144 : ill
<https://doi.org/10.1016/j.scs.2017.07.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optimised residential battery energy storage systems

Blinov, Andrei 19th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Tartu, Estonia, January 14-17, 2020 2020 / p. 13-14 https://www.ester.ee/record=b5291755*est

Optimization of pump efficiencies with different pumps characteristics working in parallel mode

Koor, Margus; **Vassiljev, Anatoli**; **Koppel, Tiit** Advances in engineering software 2016 / p. 69-76 : ill
<https://doi.org/10.1016/j.advengsoft.2015.10.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Overview of Energy Management Systems for net zero energy buildings

Maask, Vahur 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 172-174 : ill
http://ise.elnet.ee/record=b2950102~S2*est

Pick-and-place operation of linear Delta robots with low energy consumption

Vodovozov, Valery; **Lehtla, Madis**; **Raud, Zoja**; **Petlenkov, Eduard** 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 6 p <https://doi.org/10.1109/RTUCON62997.2024.10830764>

Pinch analysis helps save energy in an alcohol distillery in Estonia

Kamenev, Inna; Klemeš, J.; **Mikkal, Valdek**; **Preis, Sergei**; **Tali, Enn**; Valdlo, K.; **Viiraja, Andres** 12th International Congress of Chemical and Process Engineering : CHISA'96, Praha, Czech Republic, 25-30 August 1996 : summaries. 8, Process System Engineering 1996 / p. 38

PINCH-analüüs aitab hoida kokku energiat = PINCH-analysis helps to save energy at alcohol distillery

Kamenev, Inna; Klemensh, J.; **Mikkal, Valdek**; **Preis, Sergei**; **Tali, Enn**; Valdlo, K.; **Viiraja, Andres** XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 65-66
https://www.ester.ee/record=b1070511*est

Planned activities in the frame of energy conservation target programme in Estonia

Vares, Villu Climate Technology and Energy audit as a Tool for Improved Energy Efficiency : CTI Training Course for Eastern Europe : 26-29 September 2000, Tallinn, Estonia : proceedings 2000 / p. 73-78 : ill

Potential for finance and energy savings of detached houses in Estonia

Alev, Üllar; **Allikmaa, Ats**; **Kalamees, Targo** Energy procedia 2015 / p. 907-912 : ill <https://doi.org/10.1016/j.egypro.2015.11.017>
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Power analyse and new loss minimization possibilities of a tram system

Joller, Jüri; **Lehtla, Madis** 10th International Power Electronics and Motion Control Conference : EPE-PEMC 2002, Cavtat & Dubrovnik : 9-11 September 2002, Cavtat & Dubrovnik, Croatia 2002

Practical use of the energy management system with day-ahead electricity prices

Lebedev, Denis; **Rosin, Argo** 2015 IEEE 5th International Conference on Power Engineering, Energy and Electrical Drives (POWERENG) : proceedings : May 11-13, 2015, Riga, Latvia 2015 / p. 394-398 : ill <http://dx.doi.org/10.1109/PowerEng.2015.7266349>

Pressure control with minimal power consumption of a pumping station

Vodovozov, Valery; **Raud, Zoja** Recent Advances in Environmental and Earth Sciences and Economics : [proceedings of the EEDE 2015, GESE 2015, MANASE 2015, WHH 2015 : Zakynthos Island, Greece, July 16-20, 2015] 2015 / p. 242-245 : ill

Primary energy factors for different district heating networks: an Estonian example

Latšov, Eduard; **Kurnitski, Jarek**; **Thalfeldt, Martin**; **Volkova, Anna** Energy procedia 2016 / p. 674-684 : ill
<https://doi.org/10.1016/j.egypro.2016.09.126> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Primary saving opportunity in street lighting

Kuusik, Marko; **Teemets, Raivo** Doctoral School of Energy and Geotechnology II : closing conference of the project : Pärnu, Estonia, January 12-17, 2015 2015 / p. 117-119 : ill

Propeller shrouding influence on lift force of mini unmanned quadcopter

Penkov, Igor; **Aleksandrov, Dmitri** International journal of automotive and mechanical engineering 2017 / p. 4486-4495 : ill
<https://doi.org/10.15282/ijame.14.3.2017.7.0354> [Journal metrics at Scopus](#) [Article at Scopus](#)

Põhjamaade energiasäästlikemad hooned asuvad Eestis

Imeline Teadus 2020 / lk. 21 : fot https://www.ester.ee/record=b2747925*est

Põlevkivist on raske loobuda

Reinsalu, Enno Eesti Päevaleht 2007 / 15. aug., lk. 3 <https://epl.delfi.ee/artikkel/51097278/enno-reinsalu-polevkivist-on-raske-loobuda>

Päikese käes katus jahedaks

Strandberg, Marek Inseneeria 2015 / lk. 11 : ill

Quantification of economic benefits of renovation of apartment buildings as a basis for cost optimal 2030 energy efficiency strategies

Pikas, Ergo; Kurnitski, Jarek; Liias, Roode; Thalfeldt, Martin Energy and buildings 2015 / p. 151-160 : ill

<https://doi.org/10.1016/j.enbuild.2014.10.004> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Quantification of environmental and economic impacts for main categories of building labeling schemes

Seinre, Erkki; Kurnitski, Jarek; Voll, Hendrik Energy and buildings 2014 / p. 145-158 : ill <https://doi.org/10.1016/j.enbuild.2013.11.048>

Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Quantification of the economic benefits of renovation of apartment buildings as a basis for cost optimal 2030

Pikas, Ergo; Thalfeldt, Martin Liginullenergiahooneid täna ja homme : artiklite kogumik 2015 / p. 74-82 : ill

Radiator, underfloor and air heating efficiency

Maivel, Mikk Liginullenergiahooneid täna ja homme : artiklite kogumik 2015 / p. 104-111 : ill

Rakennusten energiatehokkuusdirektiiviä tukevat uusitut CEN standardit

Kurnitski, Jarek Rakennusten energiaseminaari 2014 2014 / s. 24-25

Rakvere Smart House Competence Centre nZEB office building without conventional heating

Thalfeldt, Martin; Mikola, Alo Liginullenergiahooneid täna ja homme : artiklite kogumik 2015 / p. 97-103 : ill

Raskeid rahapakkisid siiski silm ei näe

Rosin, Argo Postimees 2011 / lk. 13 <https://leht.postimees.ee/395264/argo-rosin-raskeid-rahapakkisid-siiski-silm-ei-nae>

Reactive power pricing in distribution networks

Raap, Maarja; Raesaar, Peeter; Tiigimägi, Eeli Oil shale 2011 / 1S, p. 223-239 : ill https://artiklid.elnet.ee/record=b2286677*est

Realisation of energy renovation targets of Estonian apartment buildings = Eesti korterelamute renoveerimisel energiatõhususe eesmärkide saavutamine

Hamburg, Anti 2022 <https://doi.org/10.23658/taltech.18/2022> <https://digikogu.taltech.ee/et/Item/790db206-2bfe-4ec0-9476-cb1a3dc09400>
https://www.ester.ee/record=b5497566*est

Reducing energy consumption with IoT prototyping

Saari, Mika; Sillberg, Pekka; Grönman, Jere; Henno, Jaak Acta Polytechnica Hungarica : journal of applied sciences at Budapest Polytechnic Hungary 2019 / p. 73-91 : ill <https://doi.org/10.12700/APH.16.9.2019.9.5> http://acta.uni-obuda.hu/Saari_Sillberg_Gronman_Kuusisto_Rantanen_Jaakkola_Henno_96.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A reinforcement learning routing protocol for UAV aided public safety networks

Minhas, Hassan Ishtiaq; Ahmad, Rizwan; Ahmed, Waqas; Waheed, Maham; Alam, Muhammad Mahtab; Gul, Sufi Tabassum Sensors 2021 / Art. nr. 4121 <https://doi.org/10.3390/s21124121> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Renovation and energy saving in multi-storey apartment buildings in Estonia

Õiger, Karl; Hääl, Kaido; Sasi, Lennart Proceedings of the Baltic Symposium on Indoor Air Quality and Building Physics : a satellite conference of Healthy Buildings 2000, August 6-10, 2000, Espoo, Finland : Tallinn Technical University, Estonia, 11-12 August, 2000 2000 / p. 36-49 : ill

Renovation of historic wooden apartment buildings

Arumägi, Endrik Liginullenergiahooneid täna ja homme : artiklite kogumik 2015 / p. 139-144 : ill

Renovation, indoor climate and energy saving in multi-storey apartment buildings in Estonia

Sasi, Lennart; Hääl, Kaido Proceedings of the 6th Symposium on Building Physics in the Nordic Countries, Trondheim, June 17-19, 2002. Volume 2 2002 / p. 737-742 : ill

Renoveerimisel on abiks uus digitööriist

ehitusuudised.ee 2023 [Renoveerimisel on abiks uus digitööriist](#)

Renoveeritud korterelamute energiasääst võib jääda plaanitust väiksemaks [Võrguväljaanne]

Reostusoh: Kui su kodune vesi tuleb plasttorudest, kasuta joogiks ja toiduvalmistamiseks ainult külma vett

Soopan, Ivar rohe.geenius.ee 2024 [Reostusoh: Kui su kodune vesi tuleb plasttorudest, kasuta joogiks ja toiduvalmistamiseks ainult külma vett](#)

Research and development of energy saving traction drives for trams

Joller, Jüri 2001 https://www.ester.ee/record=b1507469*est

Research and development of improved value stream mapping methodology for evaluation of demand side management possibilities in the industry sector = Väärtusahela kaardistamise metoodika uurimine ja arendamine tarbimise juhtimise võimaluste hindamiseks tööstussektoris

Melsas, Raivo 2018 <https://digi.lib.ttu.ee/i/?9925> https://www.ester.ee/record=b5051133*est

Reserves for regenerative braking of battery electric vehicles

Raud, Zoja; Vodovozov, Valery; Lillo, Nikolai; Rassõlkin, Anton PQ2014 : the 9th International 2014 Electric Power Quality and Supply Reliability Conference (PQ) : June 11-13, 2014, Rakvere, Estonia : proceedings 2014 / p. 189-194 : ill

Rootsi Kuningriigi energeetikast ja energia kokkuhoiust

Leisalu, Aarne Energiavarustus ja -sääst 1991 / 3, lk. 6-20; 4, lk. 1-16: ill; 6, lk. 9-19

Rotor lifting force optimization by changing dimensions of rim around it

Aleksandrov, Dmitri; Penkov, Igor 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013 2013 / p. 292-295 : ill

Samm lähemale jätkusuutlikkusele : väljakutse tõi TalTechi instituudile kopsaka energiasäästu

Sarv, Mari Öö digi.geenius.ee 2023 [Samm lähemale jätkusuutlikkusele: väljakutse tõi TalTechi instituudile kopsaka energiasäästu](#)

Shipping decarbonization : an overview of the different stern hydrodynamic energy saving devices

Spinelli, Flaminia; Mancini, Simone; Vitiello, Luigi; **Niazmand Bilandi, Rasul**; De Carlini, Maria Journal of marine science and engineering 2022 / art. 574 <https://doi.org/10.3390/jmse10050574> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Small scale CHP - Estonian experience

Ingermann, Karl; Vares, Villu Proceedings of the International Workshop "Financial and Legal Framework Conditions for the Development of Cogeneration in Lithuania" : Kaunas, 16. Nov. 2001 2001 / p. 18-22

Smart dust

Preden, Jürjo-Sören Integrated systems and design : interstudy, May 9, 2008 2008 / p. 47-53 : ill

Smart house

Kuusik, Alar Integrated systems and design : interstudy, May 9, 2008 2008 / p. 65-72

Smartgrid-based hybrid digital twins framework for demand side recommendation service provision in distributed power systems

Onile, Abiodun Emmanuel; Petlenkov, Eduard; Levron, Yoash; Belikov, Juri Future generation computer systems 2024 / p. 142-156 : ill <https://doi.org/10.1016/j.future.2024.03.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Solar insolation requirement the reason for overheating in nearly zero energy apartment buildings

Voll, Hendrik; Tamm, Kristel; De Luca, Francesco Advanced Building Skins : 12th Conference on Advanced Building Skins, 2-3 October 2017, Bern, Switzerland 2017 / p. 785-787 : ill

Sustainable conditions for the development of renewable energy systems : a triple bottom line perspective

Lerman, Laura Visintainer; Benitez, Guilherme Brittes; **Gerstlberger, Wolfgang Dieter**; Rodrigues, Vinícius Picanço; Frank, Alejandro G. Sustainable cities and society 2021 / art. 103362, 11 p. : ill <https://doi.org/10.1016/j.scs.2021.103362> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sustainable energy development trends in the Baltic states - opportunities and problems

Tenno, Koidu; Laur, Anton; Ehrlich, Üllas; Kallaste, Tiit The key-factors of business and socio-economic development during the global crisis 2009 / p. 485-499

Suurpaneelamute energiasäästlik renoveerimine. Alternatiive ei ole

Tärno, Ülo Mustamäe 1996 / nr. 10, okt

Säilenõtkuse uurija Karin Kruup: mäng tehnoloogiaga on ammu turvalistest piiridest väljunud

Kruup, Karin trinokkel.postimees.ee 2025 / lk. 3-6 <https://trinokkel.postimees.ee/8235862/trinokkel-sailenotkuse-uurija-karin-kruup-mang-tehnoloogiaga-on-ammu-turvalistest-piiridest-valjunud>

Säästlik valgustus ei pruugi olla tervislik

Sommer-Kalda, Sirle; **Tamm, Tiit** Põhjarannik 2015 / lk. 5 : fot <https://pohjarannik.postimees.ee/term/8500/valgustus>

Säästunipp: kas eramu sundventilatsiooni maksab välja lülitada?

Rudi, Hanneli majandus24.postimees.ee 2013 / fot <https://majandus24.postimees.ee/1178418/saastunipp-kas-eramu-sundventilatsiooni-maksab-valja-lulitada>

Säästupirnid - kallid ja pirtsakad : [ka TTÜ professori E. Ristheina arvamus]

Erala, Siiri; **Risthein, Endel** Postimees 2009 / 3. sept., lk. 2 <https://majandus.postimees.ee/159368/saastupirnid-kallid-ja-pirtsakad>

Säästuvõimalustest elektrienergia tarbimisel

Risthein, Endel Keskkonnatehnika 2000 / 4, lk. 30-32 : ill https://artiklid.elnet.ee/record=b1004562*est

Säästva arengu energiaindikaatorite võrdlev analüüs

Laur, Anton; Tenno, Koidu Taastuvate energiaallikate uurimine ja kasutamine : seitsmenda konverentsi kogumik : [13. okt. 2005], Tartu, Estonia 2006 / lk. 45-52 : ill

Talotekniikalla ja automaatiolla viihtyisyyttä ja energiansäästöä

Heilä, Sampsa RIA 2014 / s. 6-12 : kuv

Taltech : hoonete renoveerimise vajadus kasvab hüppeliselt

Ilomets, Simo Ehitaja 2022 / lk. 38-39 https://www.ester.ee/record=b1072123*est https://artiklid.elnet.ee/record=b2900831*est

TalTechi professor Eduard Petlenkov: kõige puhtam on energia, mida ei pea tootma

ari.geenius.ee 2023 [TalTechi professor Eduard Petlenkov: kõige puhtam on energia, mida ei pea tootma](#)

TalTechi professor: energiatõhusus on Eesti hoonefondi puhul probleemiks [Võrguväljaanne]

delfi.ee 2021 ["TalTechi professor: energiatõhusus on Eesti hoonefondi puhul probleemiks"](#)

Tarbimise juhtimine : suurtarbijate koormusgraafikute salvestamine ning analüüs juhtimise rakendamise võimaluste tuvastamiseks

Rosin, Argo; Drovtar, Imre; Link, Siim; Höimoja, Hardi; Mölder, Heigo; Möller, Taavi 2014 https://www.ester.ee/record=b4432844*est

Targo Kalamehe töötuba ongi teaduslik eksperiment : [liginullenergiahoone]

Käärt, Ulvar Horisont 2013 / lk. 44-45 : ill https://artiklid.elnet.ee/record=b2625495*est

Tasa sõuad... säästlikult jõuad

Tabri, Kristjan Inseneeria 2015 / lk. 6-7 : ill https://artiklid.elnet.ee/record=b2720893*est

Teadlased nuputavad, kuidas ehitada kliimaneutraalset ja taskukohast maja

Leis, Tiit Postimees 2021 / Lk. 6-7 <https://dea.digar.ee/publication/postimees> https://www.ester.ee/record=b1072778*est

Teadlased nuputavad, kuidas ehitada kliimaneutraalset ja taskukohast maja [Võrguväljaanne]

Leis, Tiit postimees.ee 2021 ["Teadlased nuputavad, kuidas ehitada kliimaneutraalset ja taskukohast maja"](#)

Tehases toodetud valmiselemendid annavad renoveerimisele kiirema käigu

Vilk, Urve Äripäev 2020 / Lk. 8, 10-11 <https://dea.digar.ee/publication/aripaev>

Tehnikaülikooli teadlased jagavad soovitusi roheliste jõulude pidamiseks

Sarv, Mari Õo postimees.ee 2022 [Tehnikaülikooli teadlased jagavad soovitusi roheliste jõulude pidamiseks](#)

Tehnopolis kasutatakse Eestis arendatud unikaalset LED-tänavavalgustust

Inseneeria 2014 / lk. 40 : ill

The analysis of efficiency and optimization of district heating networks in Estonia = Eesti kaugkütte soojusvõrkude efektiivsuse analüüs ja optimeerimine

Hlebnikov, Aleksandr 2010 https://www.ester.ee/record=b2595249*est

The effect of temperature and humidity on the permanence of external thermal insulation composite systems

Liisma, Eneli; Lõhmus, Gert; Raado, Lembi-Merike Procedia engineering 2015 / p. 340-348 : ill <https://doi.org/10.1016/j.proeng.2015.06.156> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Thermal mass and energy recovery utilization for peak load reduction panel

Fadejev, Jevgeni; Simson, Raimo; Kurnitski, Jarek; Bomberg, Mark Energy procedia 2017 / p. 39-44 : ill

<https://doi.org/10.1016/j.egypro.2017.09.628> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Toimiva digiühiskonna tagavad usaldusväärne tarkvara, turvaline riistvara ning energiasäästlikud ja nutikad asjad

Härmat, Karin Mente et Manu 2022 / lk. 32-33 https://www.ester.ee/record=b1242496*est

Traction and control of light rail vehicles

Laugis, Juhan; Lehtla, Tõnu; Joller, Jüri; Rosin, Argo; Vinnikov, Dmitri; Lehtla, Madis 2008

http://www.ester.ee/record=b2394449*est

Trammi tee läbi ülikooli : [TTÜ elektriainete ja jõuelektronika instituudi ja Tallinna Trammi- ja Trollibussikoondise koostööst]

Joller, Jüri Elektriala 2000 / 5, lk. 5-7 : ill https://artiklid.elnet.ee/record=b1005205*est

Trammide energiasäästlike veoajamite uurimine ja väljatöötamine = Research and development of energy saving traction drives for trams

Joller, Jüri 2001 https://www.ester.ee/record=b1618260*est

TTÜ energia- ja sisekliimalabor. Energiasääst passiivse arhitektuurilise jahutuse ja/või küttemetodite kavandamise abil

Voll, Hendrik; Tomson, Teolan TEUK XII : taastuvate energiaallikate uurimine ja kasutamine : kaheteistkümnenda konverentsi kogumik 2010 / lk. 6-10 : ill

TTÜ Tartu kolledži tudengite projekt võitis Negavati superfinaalis kolmanda koha : [lühisõnum]

Mente et Manu 2016 / lk. 11 http://www.ttu.ee/public/u/ulikool/Tutvustus/ajaleht-mente-et-manu/MM_2016_04/index.html

TTÜ uurib nullenergiamaajas säästuvõimalusi

Tosso, Enn Postimees 2013 / lk. 9 <https://www.postimees.ee/1257798/ttu-uurib-nullenergiamaajas-saastuvõimalusi>

TTÜs avati liginullenergia-testhoone

Maastik, Aleksander Keskkonnatehnika 2013 / lk. 6

Tuleviku linn: tark valgus tänaval

Vaaks, Eveliis Trialoog 2025 <https://trialoog.taltech.ee/tuleviku-linn-tark-valgus-tanaval/>

Tööhõive energiasäästu kaudu - kriisi leevendamiseks

Sutt, Jüri Postimees 2009 / 28. mai, lk. 15 <https://arvamus.postimees.ee/124733/juri-sutt-toohoive-energiasaastu-kaudu-kriisi-leevendamiseks>

Tööhõive energiasäästu kaudu - kriisi leevendamiseks

Sutt, Jüri Tallinna Tehnikaülikooli aastaraamat 2009 2010 / lk. 261-262

Use of interactive modelling in the field of energy saving

Liivik, Liisa; Jansikene, Raik; Lehtla, Tõnu 3rd International Scientific Workshop "Compatibility in Power Electronics" (CPE 2003) : Gdansk-Zielona Gora, Poland, 28-30 May, 2003 2003 / p. 64-66

Use of interactive software for energy saving motor selection

Liivik, Liisa; Jansikene, Raik Scientific proceedings of Riga Technical University. 4. [series], Power and electrical engineering 2003 / p. 65-70 : ill

Using common household thermal storages to support the PV- and battery system in nearly zero energy buildings in off-grid mode

Häring, Tobias; Rosin, Argo; Biechl, Helmut Sustainable energy technologies and assessments 2019 / p. 12-24 : ill

<https://doi.org/10.1016/j.seta.2019.05.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Uude sajandisse väiksema energiakuluga : [TTÜ elektriainete ja jõuelektronikainstituudi rekonstrueeritud tramm]

Laugis, Juhan; Joller, Jüri; Heinvere, Uno; Rebane, Aare Sõitja 2000 / okt., lk. 20-21 https://artiklid.elnet.ee/record=b1005878*est

Uudne õhutussüsteem kasutab hoone termilist massi : [magistritöö kokkuvõte]

Minin, Martin Ehitaja 2014 / lk. 37-41 : ill https://artiklid.elnet.ee/record=b2680740*est

Uusi büroohooneid ehitatakse kapitaalselt ümber

Kalamees, Targo EhitusEST 2023 / lk. 28-29 : fot https://www.ester.ee/record=b4442657*est

Uut energiasäästu õpikut tutvustati esimesena Kuressaares : [autorid TTÜ teadur Ülo Kaasik ja Kuressaare Vanalinna kooli IT-juht Eha Kask]

Nurmik, Janne Meie Maa 2011 / lk. 1

Valgusega reostajad ei hooli tähistavast ja öörahu ihkajatest : [selgitusi jagab ka TTÜ õppejõud Tiiu Tamm]

Sikk, Rein; **Tamm, Tiiu** Eesti Päevaleht 2006 / 22. nov., lk. 10-11 : fot <https://epi.delfi.ee/artikkel/51065140/valgusega-reostajad-ei-hooli-tahistaevast-ja-oorahu-ihkajatest>

Veelkord energiasäästust kortermajades

Kõiv, Teet-Andrus Mente et Manu 2008 / 5. dets., lk. 2

Vehicle energy management system: a survey

Maradey Lázaro, Jessica Gissella; Rincón Quintero, Arly Dario; Garrido Silva, Gianina; **Zequera, Rolando Antonio Gilbert** 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227455>

What kind of heat loss requirements nZEB and deep renovation sets for building envelope?

Kalamees, Targo; Lupišek, Antonin; Sojkova, Katerina; **Kuusk, Kalle** CESB 16 - Central Europe Towards Sustainable Building 2016 : Innovations for Sustainable Future : [book of abstracts] 2016 / p. 55-56 : tab

What kind of heat loss requirements nZEB and deep renovation sets for building envelope? [Online resource]

Kalamees, Targo; Lupišek, Antonin; Sojkova, Katerina; **Kuusk, Kalle** CESB 16 - Central Europe Towards Sustainable Building 2016 : Innovations for Sustainable Future : [electronic proceedings] 2016 / p. 137-144 : ill

Virolaiskerrostalojen lämmön ja veden kulutus

Aro, Teuvo; Jyrkkäranta, Jyri; **Hääl, Kaido;** Laaksonen, Arto 1999 https://www.ester.ee/record=b1310285*est

Võistlus "Energiasäästlik kool" : [kuulutab välja Taani saatkond Tallinnas koostöös Eesti Haridus- ja Teadusministeeriumi, Eesti Energia ja TTÜ energeetikateaduskonnaga : põhikoolide, gümnaasiumide ja kutseõppeasutuste õpilastele : eelteade]

Õpetajate Leht 2009 / 9. jaan., lk. 15

Võistlus "Energiasäästlik kool" : [kuulutas välja Taani saatkond Tallinnas koostöös Haridus- ja Teadusministeeriumi, Eesti Energia ja TTÜ energeetikateaduskonnaga]

Mente et Manu 2009 / 16. jaan., lk. 3 https://www.ester.ee/record=b1242496*est

Ükski tark pole taevast tulnud : energia säästlik kasutamine

Kask, Ülo; Kask, Livia; Kask, Eha 2011 https://www.ester.ee/record=b2684315*est

Üle poolesaja korteriühistu soovib energiat kokku hoida : [TTÜ teadlased renoveerimisega seotud probleemidest]

Ojakivi, Mirko Eesti Päevaleht 2009 / 7. nov., lk. 8

Üleminek kohalikele kütustele ja energiasääst

Kask, Ülo Infoleht / Riigi Energiaamet 1994 / 7, lk. 13-14

Ülikoolide lisaraha läheb küttele. Tallinna ülikool on kaalunud distantsõpet

Eesmaa, Mari Eesti Päevaleht 2022 / Lk. 7 <https://dea.digar.ee/article/eestipaevaleht/2022/11/14/5.7>

Йыхвиские служащие Сил обороны получили современную казарму [Online resources]

severnojepoberezhje.postimees.ee 2022 [Йыхвиские служащие Сил обороны получили современную казарму](#)

Народные советы и комментарии специалиста: как согреться, когда в квартире холодно? [Online resources]

mke.ee 2022 [Народные советы и комментарии специалиста: как согреться, когда в квартире холодно?](#)

Потребление тепла и воды в многоквартирных домах в Эстонии

Hääl, Kaido; Aro, Teuvo; Jyrkkäranta, Jyri; Laaksonen, Arto 1999 https://www.ester.ee/record=b1378461*est

Потребление тепла и воды в многоквартирных домах Эстонии

Hääl, Kaido; Aro, Teuvo; Jyrkkäranta, Jyri; Laaksonen, Arto 2002 https://www.ester.ee/record=b1740492*est

Тезт-Андрус Кыйв: "Впереди нас ожидает серьезная задача по повышению энергоэффективности зданий" : [intervjuu energiasäästliku ehituse magistriõppekava loomisest TTÜs]

Kõiv, Teet-Andrus; Mäe, Kristo Строитель 2009 / 3, с. 32-34 : портр https://artiklid.elnet.ee/record=b1496486*est

Ценовые рекорды: как экономить на потреблении электричества [Online resource]

baltnews.ee 2021 "[Ценовые рекорды: как экономить на потреблении электричества](#) "

[Экономия энергии в квартирном доме]

Hääl, Kaido; Laur, Toomas; Sasi, Lennart; Vares, Villu 2006 https://www.ester.ee/record=b2270947*est

Энергосберегающая установка теплоснабжения станции ядохимикатов

Осипов, Игорь; Стратан, Тамара 35 научная конференция студентов вузов Эстонии, Латвии, Литвы, Белоруссии и Молдовы : [Таллинн, 1991] : доклады. Секция строительства. Секция техники окружающей среды 1991 / с. 46-48: ил

Ярек Курнитски : остались ли вообще возможности для экономии? [Online resource]

Kurnitski, Jarek rus.err.ee 2022 [Ярек Курнитски : остались ли вообще возможности для экономии?](#)